

(1390 REV. 5-93) US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE
UNITED STATES
DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING
UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
109431

U.S. APPLICATION NO.
(if known, sec 37 C.F.R. 1.5)

09/830928

INTERNATIONAL APPLICATION NO.
PCT/JP99/06202

INTERNATIONAL FILING DATE
November 8, 1999

PRIORITY DATE CLAIMED
November 6, 1998

TITLE OF INVENTION
OPTICAL DISK, DISK SUBSTRATE, AND DRIVING APPARATUS

APPLICANTS FOR DO/EO/US

Katsusuke SHIMAZAKI, Yuuji YAMAZAKI, Hikaru MIZUTANI, Tsuyoshi MARO, Kenji OHTA, Hiroyoshi TAKAGI, and Katsuhiro TAKAHASHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ Entitlement to small entity status is hereby asserted.
16. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) **09/830928**INTERNATIONAL APPLICATION NO.
PCT/JP99/06202ATTORNEY'S DOCKET NUMBER
10943117. ☒ The following fees are submitted:**Basic National fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO\$860.00

International preliminary examination fee paid to USPTO
(37 CFR 1.482)\$690.00No international preliminary examination fee paid to USPTO
(37 CFR 1.482) but international search fee paid to USPTO
(37 CFR 1.445(a)(2))\$710.00Neither international preliminary examination fee (37 CFR
1.482) nor international search fee (37 CFR 1.445(a)(2))
paid to USPTO\$1,000.00International preliminary examination fee paid to USPTO
(37 CFR 1.482) and all claims satisfied provisions of PCT
Article 33(2)-(4)\$ 100.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR
1.492(e)).

\$

Claims	Number Filed	Number Extra	Rate
Total Claims	44 - 20 =	24	X \$ 18.00
Independent Claims	5 - 3 =	2	X \$ 80.00
Multiple dependent claim(s)(if applicable)			+ \$270.00

\$432.00

\$160.00

\$

TOTAL OF ABOVE CALCULATIONS =

\$1452.00

Reduction by 1/2 for filing by small entity, if applicable.

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\$

SUBTOTAL =

\$1452.00

Processing fee of \$130.00 for furnishing the English translation later
than ☐ 20 ☐ 30 month from the earliest claimed priority date (37 CFR
1.492(f)).

+

\$

TOTAL NATIONAL FEE =

\$1452.00

Amount to be
refunded

\$

Charged

\$

- a. ☒ Check No. 118721 in the amount of \$1452.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320

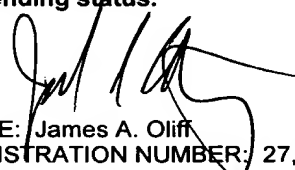
NAME: James A. Oliff
REGISTRATION NUMBER: 27,075

NAME: Joel S. Armstrong
REGISTRATION NUMBER: 36,430

U.S. APPLICATION NO. (if known, enter) C.F.R. 1.5) 097830928		INTERNATIONAL APPLICATION NO. PCT/JP99/06202		ATTORNEY'S DOCKET NUMBER 109431	
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17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO\$860.00 International preliminary examination fee paid to USPTO (37 CFR1.482)\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS		PTO USE ONLY	

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$			
Claims	Number Filed	Number Extra	Rate				
Total Claims	44 - 20 =	24	X \$ 18.00	\$432.00			
Independent Claims	5 - 3 =	2	X \$ 80.00	\$160.00			
Multiple dependent claim(s)(if applicable)			+ \$270.00	\$			
TOTAL OF ABOVE CALCULATIONS =				\$1452.00			
Reduction by 1/2 for filing by small entity, if applicable.				-	\$		
SUBTOTAL =				\$1452.00			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$		
TOTAL NATIONAL FEE =				\$1452.00			
				Amount to be refunded		\$	
				Charged		\$	

a. <input checked="" type="checkbox"/> Check No. <u>118721</u> in the amount of <u>\$1452.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.		 NAME: James A. Oliff REGISTRATION NUMBER: 27,075 NAME: Joel S. Armstrong REGISTRATION NUMBER: 36,430	
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NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

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P.O. Box 19928
Alexandria, Virginia 22320

PTO RECEIPT FOR FILING OF PAPERS

The following papers have been filed:

PCT t ck 118721 \$1452 Prelim PCT Req 82pp spec/50clms/abs 21 shts drwns (figs1-22)
IDS pto 1449 srch rpt 1st wrt opn and 2nd wrt opn 15 refs

Name of Applicant: Katsusuke SHIMAZAKI, Yuuji YAMAZAKI, Hikaru MIZUTANI,
Tsuyoshi MARO, Kenji OHTA, Hiroyoshi TAKAGI, and Katsuhiro
TAKAHASHI

Serial No.: US National Stage of PCT/JP99/06202

Atty. File No.: 109431

Title (New Cases): OPTICAL DISK, DISK SUBSTRATE, AND DRIVING APPARATUS

Sender's Initials: JAO/zmc

264 / 13



PATENT OFFICE DATE STAMP

**COPY TO BE STAMPED BY PATENT OFFICE
AND RETURNED BY MESSENGER**